

GenWare version 4.5
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000 nucleotide nucleic search, using sw model

Run on: October 6, 2002, 18:43:56 : Search time 78.3 seconds

(without alignments)
5941.633 Matches with 11 differences

Library: US-09-126-945b-1

Sequence: 1894
1 difference from library sequence

Scoring table:
OLIGO_M06
Gapop 60.0 : Gapext 60.0

Searchset: 48454 seqs, 122816752 residues

Word size : 0

Total number of hits satisfying chosen parameters: 767066

Minimum hit seq length: 0

Maximum hit seq length: 200000000

Post processing: listing first 45 summaries

Database : Issued_Patents.NA.*

1: /patents/seqs/126-945b-1/seqs/seqs
2: /patents/seqs/126-945b-1/seqs/seqs
3: /patents/seqs/126-945b-1/seqs/seqs
4: /patents/seqs/126-945b-1/seqs/seqs
5: /patents/seqs/126-945b-1/seqs/seqs
6: /patents/seqs/126-945b-1/seqs/seqs

Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1846	96.9	1905	4	US-09-055-113-2
2	243	12.8	278	4	US-09-435-418-36a
3	20	1.1	1070	4	US-09-118-442-16
4	20	1.1	1070	4	US-09-677-064-16
5	20	1.1	1082	4	US-09-118-442-28
6	20	1.1	1082	4	US-09-677-064-28
7	20	1.1	2044	4	US-08-875-944B-1
8	20	1.1	2044	4	US-09-116-049-4
9	20	1.1	2667	2	US-08-469-412A-1
10	19	1.0	829	3	US-08-741-411-6
11	19	1.0	1489	2	US-08-257-963B-1
12	19	1.0	1512	4	US-08-367-841A-1
13	19	1.0	1512	5	PCT-US95-07201-1
14	19	1.0	2266	2	US-09-213-767-1
15	19	1.0	8843	5	PCT-US95-04611A-18
16	19	1.0	4421	2	US-08-257-963B-9
17	19	1.0	4421	4	US-08-367-841A-9
18	19	1.0	4421	5	PCT-US95-07201-9
19	19	1.0	5941	4	US-08-783-774-1
20	19	1.0	7812	4	US-09-368-590-1
21	19	1.0	9048	3	US-08-973-273-4
22	19	1.0	9048	4	US-08-367-841A-4
23	19	1.0	22481	5	PCT-US95-07201-43
24	19	1.0	600	2	US-08-545-809A-24
25	18	1.0	1144	2	US-08-455-968E-2
26	18	1.0	1144	2	US-08-455-968E-2
27	18	1.0	1144	2	US-08-455-968E-2

28	18	1.0	1144	2	US-08-455-968E-28	Sequence 28, Appl 1
29	18	1.0	1472	1	US-08-123-161A-9	Sequence 9, Appl 1
30	18	1.0	1472	1	US-08-483-278-9	Sequence 9, Appl 1
31	18	1.0	1655	3	US-09-049-672A-21	Sequence 21, Appl 1
32	18	1.0	1930	2	US-08-455-968E-4	Sequence 4, Appl 1
33	18	1.0	2038	2	US-08-455-968E-9	Sequence 9, Appl 1
34	18	1.0	2562	1	US-08-146-421-4	Sequence 4, Appl 1
35	18	1.0	3931	1	US-07-999-280A-21	Sequence 21, Appl 1
36	18	1.0	3931	1	US-08-426-036-21	Sequence 21, Appl 1
37	18	1.0	3931	1	US-08-426-036-21	Sequence 21, Appl 1
38	18	1.0	3931	1	US-08-401-013-21	Sequence 21, Appl 1
39	18	1.0	3931	3	US-08-426-570-21	Sequence 21, Appl 1
40	18	1.0	3931	3	US-08-426-570-21	Sequence 21, Appl 1
41	18	1.0	3931	3	US-08-426-570-21	Sequence 21, Appl 1
42	18	1.0	3931	4	US-08-401-033-21	Sequence 21, Appl 1
43	18	1.0	4131	4	US-08-726-214-11	Sequence 11, Appl 1
44	18	1.0	4353	2	US-08-385-486A-18	Sequence 18, Appl 1
45	18	1.0	4353	4	US-08-880-342-18	Sequence 18, Appl 1

ALIGNMENTS

RESULT 1

US-09-055-113-2
Sequence 2, Application US-09-055-113

Patent No. 626565

GENERAL INFORMATION:

APPLICANT: Bandman, Olga

APPLICANT: Corley, Neil C.

APPLICANT: Gessler, Karl J.

APPLICANT: L11 Proth

FILED: 10/1/92

NUMBER OF SEQUENCES: 4

SEQUENCE NUMBER ADDRESS:

ADDRESS: 1070, Thompson Road, Inc.

STREET: 3174 Porter Dr.

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER RELEASABLE FORM:

MEDIUM TYPE: Diskette

COMPILED: IBM compatible

OPERATING SYSTEM: DOS

SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US-09-055-113

FILING DATE: Filed Herewith

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J.

REGISTRATION NUMBER: 36, 749

RELATIONSHIP: REL NUMBER: 74-0501 US

TELEPHONE: 650-855-0555

TELEFAX: 650-845-4166

TEXT:

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 1905 base pairs

TYPE: nucleic acid

STRANDNESS: single

TOPOLOGY: linear

IMMEDIATE SOURCE:

LIBRARY: PROSTUD12

CLONE: 1813005

US-09-055-113-2

Query Match 96.9% Score 1846 DB 4 Length 1905


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Sequence 1: Application US/08/412A
Patent No. 5656125
GENERAL INFORMATION:
APPLICANT: Mayotoulasitis, George J.
APPLICANT: Blatt, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Real Jr., Gregory J.
APPLICANT: Athanasiou, Menopi A.
AFFILIANT: Scars, Inc.
TITLE OF INVENTION: The ERF Gene to focus and its products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESS: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4834
FILING DATE: 05-JUN-1995
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 47,430
REFERENCE/INVENT NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2667 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 126-1769
OTHER INFORMATION: /note "human ERF (ETS2 repressor
OTHER INFORMATION: Factor) cDNA"
US-09-412A 1

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Query Match 1.1% Score 209 DB 2: Length 2667;
Post Local Similarity 100.0% Prod. No. 5;
Matches 209 Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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US-09-021-715 1
Sequence 6, Application US/08/21715
Patent No. 6194537
GENERAL INFORMATION:
APPLICANT: Mayotoulasitis, George J.
APPLICANT: Blatt, Donald G.
APPLICANT: Fisher, Robert J.
APPLICANT: Real Jr., Gregory J.
APPLICANT: Athanasiou, Menopi A.
AFFILIANT: Scars, Inc.
TITLE OF INVENTION: The ERF Gene to focus and its products
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESS: Townsend and Townsend and Crew LLP

```

```

STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-4834
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
SOFTWARE: IBM PC compatible
OPERATING SYSTEM: pc-windows/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 05/08/412A
FILING DATE: 05-JUN-1995
CLASSIFICATION: Unknown
ATTORNEY/AGENT INFORMATION:
NAME: Garrett-Wackowski, Eugenia
REGISTRATION NUMBER: 47,430
REFERENCE/INVENT NUMBER: 015280-229000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0300
TELEFAX: (415) 576-0200
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2667 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: CDS
LOCATION: 126-1769
OTHER INFORMATION: /note "human ERF (ETS2 repressor
OTHER INFORMATION: Factor) cDNA"
US-09-021-715-1

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Query Match 1.1% Score 209 DB 2: Length 2667;
Post Local Similarity 100.0% Prod. No. 5;
Matches 209 Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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US-08-741-411 6/c
Sequence 6, Application US/08/741411
Patent No. 6124116
GENERAL INFORMATION:
APPLICANT: Bandaru, Gita
APPLICANT: An-Young, Jai-Young
TITLE OF INVENTION: Novel RAR PROTEINS
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESS: INVEY PHARMACEUTICALS, INC.
STREET: 4124 Potter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: floppette
SOFTWARE: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSto Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: 05/08/741-411
FILING DATE: 05/06/741-411
CLASSIFICATION: 424
PRIOR APPLICATION NUMBER:

```

```

1 FILING DATE:
2 ABBREVIATION: INFORMATION:
3 NAME: Billings, Lucy L.
4 REGISTRATION NUMBER: 46,749
5 REFERENCE/KEYWORD NUMBER: 01 09 08
6 TELECOMMUNICATION INFORMATION:
7 TELEPHONE: 415 855 0559
8 TELEFAX: 415 845 4156
9 TELETYPE:
10 INFORMATION FOR SEQ ID NO: 6:
11 SEQUENCE CHARACTERISTICS:
12 LENGTH: 820 base pairs
13 TYPE: nucleotide
14 STRANDEDNESS: single
15 TOPOLOGY: linear
16 MOLECULE TYPE: cDNA
17 IMMEDIATE SOURCE:
18 LIBRARY:
19 CLONE: consensus
20 US 08 741 411 6

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Query Match 1.00% Score 192 100 43 Length 820
Best Local Similarity 100.00% Prod. No. 152
Matches 192 Conservative 02 Mismatches 02 Indels 02 Gaps 02

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QY 127 ggaagcctgagctggag 145
100 |||
100 ggaagcctgagctggag 145

```

```

RESULT 12
US 08 257 9648 1/6
Sequence 1, Application US/08/257/9648
Patent No. 5840686
GENERAL INFORMATION:
1 APPLICANT: Chado, Gerald J.; Bozetta, S.
2 APPLICANT: Patricia Schwartz, Joan P.;
3 APPLICANT: Tadwaki, Takayuki
4 TITLE OF INVENTION: PLGMENT EPITHELIUM
5 TITLE OF INVENTION: DERIVED FACTOR; CHARACTERIZATION OF THE NOVEL
6 TITLE OF INVENTION: BIOLOGICAL ACTIVITY AND SEQUENCES ENCODING
7 TITLE OF INVENTION: AND EXPRESSION THE PROTEIN
8 NUMBER OF SEQUENCES: 42
9 CORRESPONDENCE ADDRESS:
10 ADDRESSEE: Morgan & Finnegan
11 STREET: 445 Park Avenue
12 CITY: New York
13 STATE: New York
14 COUNTRY: USA
15 ZIP: 10154
16 COMPUTER READABLE FORM:
17 MEDIUM TYPE: floppy disk
18 OPERATING SYSTEM: IBM pc compatible
19 SOFTWARE: WORDPERFECT 5.1
20 CURRENT APPLICATION DATA:
21 APPLICATION NUMBER: 08/257,964
22 FILING DATE: 08/25/96
23 CLASSIFICATION: 514
24 PRIOR APPLICATION DATA:
25 APPLICATION NUMBER: 07/952,796
26 FILING DATE: 24 SEP 1992
27 ATTORNEY/AGENT INFORMATION:
28 NAME: Robert R. Auld
29 REGISTRATION NUMBER: 66434
30 REFERENCE/KEYWORD NUMBER: 20021126052
31 TELECOMMUNICATION INFORMATION:
32 TELEPHONE: (212) 758 4800
33 TELEFAX: (212) 751 6849
34 INFORMATION FOR SEQ ID NO: 1:
35 SEQUENCE CHARACTERISTICS:
36 LENGTH: 1489 base pairs

```

```

1 TYPE: nucleotide
2 STRANDEDNESS: double
3 TOPOLOGY: linear
4 MOLECULE TYPE: cDNA to mRNA
5 FEATURE:
6 NAME/KEY: mRNA
7 LOCATION: 1..1489
8 OTHER INFORMATION: 5'UTR coding region
9 OTHER INFORMATION: starts at nucleotide 117
10 US 08 257 9648 1

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```

Query Match 1.00% Score 192 100 27 Length 1489
Best Local Similarity 100.00% Prod. No. 152
Matches 192 Conservative 02 Mismatches 02 Indels 02 Gaps 02

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QY 128 ggaagcctgagctggag 146
100 |||
100 ggaagcctgagctggag 146

```

```

RESULT 13
US 08 667 841A 1/6
Sequence 1, Application US/08/667/841A
Patent No. 6419687
GENERAL INFORMATION:
1 APPLICANT: Chado, Gerald J.; Rodiguez,
2 APPLICANT: Roberto R.; Mazaraki, Kiyosaki;
3 APPLICANT: Tadwaki, Takayuki
4 TITLE OF INVENTION: PLGMENT EPITHELIUM
5 TITLE OF INVENTION: DERIVED FACTOR; CHARACTERIZATION OF THE FACTOR
6 TITLE OF INVENTION: BIOLOGICAL ACTIVITY AND SEQUENCES ENCODING
7 NUMBER OF SEQUENCES: 43
8 CORRESPONDENCE ADDRESS:
9 ADDRESSEE: Morgan & Finnegan
10 STREET: 445 Park Avenue
11 CITY: New York
12 STATE: New York
13 COUNTRY: USA
14 ZIP: 10154
15 COMPUTER READABLE FORM:
16 MEDIUM TYPE: floppy disk
17 OPERATING SYSTEM: IBM pc compatible
18 SOFTWARE: WORDPERFECT 5.1
19 CURRENT APPLICATION DATA:
20 APPLICATION NUMBER: 08/257,964
21 FILING DATE: 30 SEP 1994
22 CLASSIFICATION: 435
23 PRIOR APPLICATION DATA:
24 APPLICATION NUMBER: 08/257,964
25 FILING DATE: 07 JUN 1994
26 PRIOR APPLICATION DATA:
27 APPLICATION NUMBER: 07/952,796
28 FILING DATE: 24 SEP 1992
29 ATTORNEY/AGENT INFORMATION:
30 NAME: Robert R. Auld
31 REGISTRATION NUMBER: 66434
32 REFERENCE/KEYWORD NUMBER: 20021126052
33 TELECOMMUNICATION INFORMATION:
34 TELEPHONE: (212) 758 4800
35 TELEFAX: (212) 751 6849
36 INFORMATION FOR SEQ ID NO: 1:
37 SEQUENCE CHARACTERISTICS:
38 LENGTH: 1512 base pairs
39 TYPE: nucleotide
40 STRANDEDNESS: double
41 TOPOLOGY: linear
42 MOLECULE TYPE: cDNA to mRNA
43 FEATURE:
44 NAME/KEY:
45 LOCATION:
46 OTHER INFORMATION: 5'UTR coding region

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 182 CCAATCAATCAATCAATCAATCAAT 159

seq name: 126 945b 2 x us 08 998 416 861 rev seq 09 628 908 416 861

seq documention block:

Sequence 861, Application US/08998416
 Patent No. 6,249,264
 GENERAL INFORMATION:
 APPLICANT: Philipson, Peter
 APPLICANT: Hollmann, Rainer
 APPLICANT: Steiner, Sabine
 APPLICANT: Mohr, Christine
 APPLICANT: Wendland, Jürgen
 APPLICANT: Knothe, Philipp
 APPLICANT: Redschwand, Corinne
 TITLE OF INVENTION: GENOTOXIC CHARACTERISTICS OF ANHYRA CRESSYII
 NUMBER OF INVENTION: AND DATES THEREOF
 NUMBER OF SEQUENCES: 1152
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: No. 6,249,264,116 Corporation
 STREET: 4054 Cortowallis Road
 CITY: Research Triangle Park
 STATE: No. 6,249,264,116 Carolina
 COUNTRY: USA
 ZIP: 27709
 COMPUTER READABLE FORM:
 MEDIUM TYPE: floppy disk
 OPERATING SYSTEM: PC DOS/MS DOS
 SOFTWARE: Patented in Release #1.0, Version #1.10
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/998,416
 FILING DATE: 24 DEC 1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: CH 0016,777
 FILING DATE: 31 DEC 1996
 AUTOMATIC/AGENT INFORMATION:
 NAME: MOHR, J. TIMOTHY
 REGISTRATION NUMBER: 49,241
 REFERENCE TO SEQUENCE: 1152
 TELEPHONE: 919 541 8587
 TELEFAX: 919 541 8649
 INFORMATION FOR SEQ ID NO. 861:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 614 base pairs
 TYPE: nucleotide acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 ORIGIN: Synthetic
 ORGANISM: PANTHERA
 US 08 998 416 861

alignment scores:
 quality: 8.00 length: 8
 gaps: 0
 Percent Similarity: 100.000 Percent Identity: 100.000

alignment block:

US 09 126 945b 2 x US 08 998 416 861/rev
 Align seq 1/1 to reverse of: US 08 998 416 861 from: 1 to: 614

45 ProseqProtdAtThProtdIn %2

|||||
 146 CATTTCATTCATTCATTCATTCAT 124

seq name: 126 945b 2 x us 08 998 416 861 rev seq 09 628 908 416 861

seq documention block:

Sequence 6, Application US/08480481
 Patent No. 5696614
 GENERAL INFORMATION:
 APPLICANT: Sen, Jiny
 APPLICANT: Philipson, Kenneth D.
 APPLICANT: Lustig, Aldous J.
 TITLE OF INVENTION: GENE MUTATION IN PATIENTS WITH IDIOPATHIC DILATED CARDIOMYOPATHY
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Knothe, Martens, Olsson & West
 STREET: 620 Newport Center Drive 16th floor
 CITY: Newport Beach
 STATE: CA
 COUNTRY: U.S.A.
 ZIP: 92660
 COMPUTER READABLE FORM:
 MEDIUM TYPE: diskette
 OPERATING SYSTEM: DOS
 SOFTWARE: FASTSEQ Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/480,481
 FILING DATE: 07-JUN-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 AUTOMATIC/AGENT INFORMATION:
 NAME: Altman, Daniel E.
 REGISTRATION NUMBER: 34,115
 REFERENCE TO SEQUENCE: 001A
 TELEPHONE: 714 760-0404
 TELEFAX: 714 760-9502
 INFORMATION FOR SEQ ID NO. 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 900 base pairs
 TYPE: nucleotide acid
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: genomic DNA
 HYPOHETICAL: NO
 ANTI SENSE: NO
 FEATURE TYPE: PPM
 ORIGINAL SOURCE:
 FEATURE:
 NAME/KEY: other
 LOCATION: 1...1
 OTHER INFORMATION: Position 1 corresponds to
 OTHER INFORMATION: 8147 of the rabbit cDNA homolog
 NAME/KEY: other
 LOCATION: 240...240
 OTHER INFORMATION: Position dist inushes idiopathic
 OTHER INFORMATION: dilated cardiomyopathy
 NAME/KEY: other
 LOCATION: 626...626
 OTHER INFORMATION: Position dist inushes idiopathic
 OTHER INFORMATION: dilated cardiomyopathy
 US-08-480-481-6

alignment scores:
 quality: 8.00 length: 8
 gaps: 0
 Percent Similarity: 100.000 Percent Identity: 100.000

alignment block:

US 09 126 945b 2 x US 08 480 481-6
 Align seq 1/1 to: US 08 480 481-6 from: 1 to: 900

